

SPECIFICATION AMENDMENTS

On page 1, insert above line 1, insert--Priority Claim

The present application claims priority on European Patent Application 03076311.4 filed May 5, 2003.--

On page 1, above line 1, insert--Field of the Invention--

Paragraph on line 1 of page 1 has been amended as follows:

--The present invention relates to an expansion device for expanding a pipe. ~~In particular the pipe to be expanded is a well-tubular, such as a casing or a slotted tube in a well, or a tube within a well-tubular.~~

On page 1, above line 5, insert--Background of the Invention--

Paragraph on line 22 of page 1, ending on line 5 of page 2, has been amended as follows:

-- Normal operation of the known expansion device devices comprises two steps, an expansion step and a reset step. The initial position of the expansion step is that the end anchors are set, wherein the end anchor at the front is set in the unexpanded part of the pipe and anchor at the back is set in the part of the pipe that has been expanded, and wherein the expansion cone is in a first position close to the end anchor. The actuator is powered so as to force the expansion cone in forward direction to expand the pipe, during expansion the end anchors take up the axial force. The actuator is powered by fluid under pressure supplied through the tubular to which the expansion device is attached. When the anchor has arrived at the front anchor, powering the actuator is interrupted and the displacement of the expansion cone stops. --

Paragraph on line 6 of page 2 has been amended as follows:

-- Resetting the expansion cone is done by pushing the tubular in order to move the expansion device forwards. The end anchors do not prevent this displacement, because they work in one direction only. The expansion cone cannot move forwards, so that the guide rods are displaced forwards relative to the expansion cone. When the end anchor at the back has arrived at the expansion cone, the displacement of the guide rods is interrupted and the expansion device has returned to its initial state. At the start of expanding a pipe,

the front anchor can be set in the unexpanded pipe section, whilst the back anchor has no expanded pipe in which it can set. On completing the expansion, the back anchor can be set in the expanded pipe section, whilst the front anchor extends out of the pipe. --

On page 2, delete line 16-29

On page 2, above line 30, insert--Summary of the Invention--

Paragraph on line 29 of page 2, ending on line 15 of page 3, has been amended as follows:

--To this end the expansion device for expanding a pipe according According to some embodiments of the present invention, which the expansion device has a front end and a rear end, and comprises

- an expansion cone tapering in forward direction towards the front end of the expansion device,
- an anchor capable of being selectively anchored to the inner surface of the pipe,
- an actuator for moving the expansion cone in forward direction through the pipe, the actuator including a first member connected to the expansion cone, a second member axially movable relative to the first member, the second member being connected to the anchor, and hydraulic drive means for axially moving the first and second members relative to each other, wherein the hydraulic drive means is adapted to move the expansion cone in forward direction through the pipe when the anchor is anchored to the inner surface of the pipe, and wherein the hydraulic drive means is adapted to move the first and second members relative to each other so as to move the anchor in forward direction through the pipe when the anchor is released from the inner surface of the pipe. --

On page 3, above line 16, insert--Brief Description of the Drawings--

Paragraph on line 16 of page 3 has been amended as follows:

-- The embodiments of the invention will now be described by way of example in more detail with reference to the accompanying drawing, wherein

Figure 1 shows schematically and not to scale an expansion device according to the present invention;

Figure 2 shows schematically three stages of the normal operation of the expansion device of Figure 1;

Figure 3 shows schematically and not to scale a longitudinal section of an embodiment of the actuator of the expansion device according to the present invention; and

Figure 4 shows schematically and not to scale a longitudinal section of an embodiment of driving means. --

On page 3, above line 29 insert--Detailed Description of the Invention--

Paragraph on line 29 of page 3, ending on line 3 of page 4, has been amended as follows:

-- Reference is now made to Figure 1. The expansion device 1 for expanding a pipe (not shown) according to one embodiment of the present invention has a front end 2 and a rear end 3. The expansion device 1 comprises an expansion cone 5 tapering in forward direction 8 towards the front end 2 of the expansion device 1, a second member in the form of an elongated cone-guide 10, and an actuator 11 capable of displacing, during normal operation, the expansion cone 5 and the elongated cone-guide 10 relative to each other between a first state and a second state. --

Paragraph on line 16 of page 6 has been amended as follows:

-- Figures 2a, 2b and 2c show schematically a partial sectional view of the expansion device 1 according to the one embodiment of the present invention is arranged in a pipe 45 that is being expanded. Parts already discussed with reference to the previous Figures have got the same reference numerals. --

Paragraph on line 1 of page 7 has been amended as follows:

-- Figure 2a shows the first stage, start of the expansion stroke, of the expansion method with the expansion device according to one embodiment of the invention. --

Paragraph on line 13 of page 8 has been amended as follows:

-- For reasons that will get become clear when discussing Figure 4, the outer wall 53 of the double-walled tube 50 is provided with axial slots, a front axial slot 55 extending from the front stop 40a, and a rear axial slot 56 extending from the rear stop 41a. The front annular sealing rim 27 and the rear annular sealing rim 28 is provided with wedges 58 and 59 respectively, that pass through the slots 55 and 56. --

Paragraph on line 21 of page 9 has been amended as follows:

-- The expansion device according to one embodiment of the present invention includes a driving means, and reference is made to Figures 4a and 4b showing not to scale the front end driving means. Parts already discussed with reference to the previous Figures have got the same reference numerals.--

Paragraph on line 21 of page 10 has been amended as follows:

--The rear anchor 47 can be connected to the elongated cone-guide 10 with some axial play to allow for contraction of the pipe that is being expanded. There is provided a spring (not shown) to return the rear anchor 47 to its initial position. ~~It will be understood that when~~ When the rear anchor 47 is connected with axial play to the elongated cone-guide, the front anchor ~~will~~ may take up the axial reaction force associated with expanding the pipe.--

Paragraph on line 5 of page 11 has been amended as follows:

-- ~~It will be understood that the~~ The expansion cone 5 ~~can~~ may have any shape or design, provided that it can expand a pipe when being displaced into the pipe. --

Delete line 8-10 on page 11.

Delete page 12.

On page 13, above line 1, insert --We claim:--